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sequence of GGGISG (SEQ ID NO:78)) has been deleted, and the like. The inactive-type coproporphyrinogen III oxidase is its variant having no capability of oxidizing protoporphyrinogen IX and having a specific affinity for protoporphyrinogen IX--.

Please delete the Original Sequence Listing, pages numbered 225 to 280, filed October 27, 2000. Please insert the attached Substitute Sequence Listing, independently numbered 1-25, directly after the abstract.

IN THE CLAIMS:

Please renumber the pages containing the claims from original page numbers 281 to 312 to new page numbers 225 to ²356, respectively.

REMARKS

Enclosed herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a Substitute Sequence Listing to be inserted into the specification as indicated above. The Substitute Sequence Listing in no way introduces new matter into the specification. Also submitted herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a disk copy of the Substitute Sequence Listing. The disk copy of the Substitute Sequence Listing, file "0020-4764P.st25A.txt", is identical to the paper copy, except that it lacks formatting.

The specification has been amended to refer to the sequences, SEQ ID NOS:77-78, by their "SEQ ID NO". No new matter is introduced by these amendments.